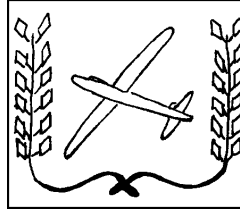


**AIR GLIDER**  
**INTEREST BADGE**


Date Passed \_\_\_\_\_ Signed \_\_\_\_\_

1. Explain the methods of launching a glider, the recovery procedure afterwards and how to park a glider. \_\_\_\_\_ 1
2. Show a knowledge of the different class of glider as defined by the South African Soaring Association. \_\_\_\_\_ 2
3. List the instruments a glider carries and explain their purpose. \_\_\_\_\_ 3
4. Demonstrate a knowledge of the structure and controls of a glider. \_\_\_\_\_ 4
5. Recognise and name six different types of cloud formations and explain the type of flying conditions to be expected in each basic type. \_\_\_\_\_ 5
6. Carry out a daily inspection (pre-flight) on a glider to the satisfaction of the instructor, and explain why the inspection of each part is important to the safe operation of the aircraft. \_\_\_\_\_ 6
7. Explain what produces good soaring conditions. \_\_\_\_\_ 7
8. Act as a member of a launching and recovery crew. \_\_\_\_\_ 8
9. Explain the emergency procedures for a glider in flight in the case of
  - a) cable failure in the case of a winch or aero-tow launch, and engine failure in the case of a motor glider; \_\_\_\_\_ 9a
  - b) structural failure or collision at altitude; \_\_\_\_\_ 9b
  - c) inability to release cable in the case of :
    - i. winch launch \_\_\_\_\_ 9c
    - ii. aero-tow \_\_\_\_\_ 9d
  - d) altitude loss to the extent that safe soaring is no longer feasible. \_\_\_\_\_ 9d
10. Do two circuits in a glider with an instructor and submit a detailed report on each flight. \_\_\_\_\_ 10
11. Discuss with the examiner the conventional symbols used on aeronautical charts and point out the features over flown on an imaginary cross-country flight of at least 50 nautical miles flying at a height of 600 metres(2 000 feet). \_\_\_\_\_ 11